L2 ANSWER 3 OF 6 USPATFULL on STN

Citing References

2002:294746 Methods of suppressing microglial activation.

Laskowitz, Daniel T., Chapel Hill, NC, UNITED STATES
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McMillian, Michael, Rareton, NJ, UNITED STATES

US 2002164789 A1 20021107
APPLICATION: US 2001-957909 A1 20010921 (9)
PRIORITY: US 1998-77551P 19980311 (60)
DOCUMENT TYPE: Utility; APPLICATION.

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AI **US 2001-957909** **A1 20010921 (9)**

DETD [0054] The present inventors utilized a 9-mer monomer having an amino acid sequence **LRKLRKRLL** (SEQ ID NO:2). This 9 amino acid sequence is found within the larger ApoE receptor binding sequence region identified above,. . . ApoE. The present inventors constructed a dimer of SEQ ID NO:2, i.e., a peptide having an amino acid sequence of **LRKLRKRLL** **LRKLRKRLL** (SEQ ID NO:3). Peptides of SEQ ID NO:3 suppressed microglial activation in a dose-dependent fashion. Use of the monomer (monomer. . .

DETD . . . preferably dimers thereof. Thus, a preferred peptide useful in the present methods is SEQ ID NO:3 (a tandem repeat of **LRKLRKRLL**), or peptides comprising SEQ ID NO:3. Further preferred peptides comprise or consist of SEQ ID NO:4, SEQ ID NO:5, or. . .

DETD . . . acids, 40 amino acids, 45 amino acids, 50 amino acids or more, where the peptides comprise the 18-amino acid sequence **LRKLRKRLL** **LRKLRKRLL** (SEQ ID NO:3), or variants thereof that retain the receptor binding ability of peptides of SEQ ID NO:3. A preferred. . .

DETD . . . acids, 40 amino acids, 45 amino acids, 50 amino acids or more, where the peptides comprise the 9-amino acid sequence **LRKLRKRLL** (SEQ ID NO:2), or variants thereof that retain the receptor binding ability of peptides of SEQ ID NO:3 and/or SEQ. . .

CLM What is claimed is:

. . . 1, 2 or 3 wherein said compound is a dimer of two peptides, each peptide comprising the amino acid sequence **LRKLRKRLL** (SEQ ID NO: 2).

. . . 3 wherein said compound is a peptide of at least about 15 amino acids and comprises the amino acid sequence **LRKLRKRLL** (SEQ ID NO:2).